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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	SEP 09	CA/CAPLUS records now contain indexing from 1907 to the present
NEWS	4	Jul 15	Data from 1960-1976 added to RDISCLOSURE
NEWS	5	Jul 21	Identification of STN records implemented
NEWS	6	Jul 21	Polymer class term count added to REGISTRY
NEWS	7	Jul 22	INPADOC: Basic index (/BI) enhanced; Simultaneous Left and Right Truncation available
NEWS	8	AUG 05	New pricing for EUROPATFULL and PCTFULL effective August 1, 2003
NEWS	9	AUG 13	Field Availability (/FA) field enhanced in BEILSTEIN
NEWS	10	AUG 15	PATDPAFULL: one FREE connect hour, per account, in September 2003
NEWS	11	AUG 15	PCTGEN: one FREE connect hour, per account, in September 2003
NEWS	12	AUG 15	RDISCLOSURE: one FREE connect hour, per account, in September 2003
NEWS	13	AUG 15	TEMA: one FREE connect hour, per account, in September 2003
NEWS	14	AUG 18	Data available for download as a PDF in RDISCLOSURE
NEWS	15	AUG 18	Simultaneous left and right truncation added to PASCAL
NEWS	16	AUG 18	FROSTI and KOSMET enhanced with Simultaneous Left and Right Truncation
NEWS	17	AUG 18	Simultaneous left and right truncation added to ANABSTR
NEWS	18	SEP 22	DIPPR file reloaded
NEWS	19	SEP 25	INPADOC: Legal Status data to be reloaded
NEWS	20	SEP 29	DISSABS now available on STN
NEWS EXPRESS		OCTOBER 01	CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:44:15 ON 09 OCT 2003

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 10:44:34 ON 09 OCT 2003

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 8 OCT 2003 HIGHEST RN 601453-92-3

DICTIONARY FILE UPDATES: 8 OCT 2003 HIGHEST RN 601453-92-3

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> s 'gly-lys-trp-ser-lys-phe-asp-tyr'/sqsp

L1 5 'GLY-LYS-TRP-SER-LYS-PHE-ASP-TYR'/SQSP

=> d lc 1-

YOU HAVE REQUESTED DATA FROM 5 ANSWERS - CONTINUE? Y/(N):y

<C

09/720,493 Page 3

L1 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2003 ACS on STN
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

L1 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2003 ACS on STN
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

L1 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2003 ACS on STN

L1 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2003 ACS on STN
LC STN Files: CA, CAPLUS, TOXCENTER

<C

09/720,493 Page 4

L1 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2003 ACS on STN
LC STN Files: CA, CAPLUS, TOXCENTER

<C

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=> fil .search

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

35.70

35.91

FILE 'MEDLINE' ENTERED AT 10:45:54 ON 09 OCT 2003

FILE 'CAPLUS' ENTERED AT 10:45:54 ON 09 OCT 2003

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FILE 'BIOSIS' ENTERED AT 10:45:54 ON 09 OCT 2003

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FILE 'USPATFULL' ENTERED AT 10:45:54 ON 09 OCT 2003

CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'EMBASE' ENTERED AT 10:45:54 ON 09 OCT 2003

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=> s l1

L2 3 L1

=> dup rem l2

PROCESSING COMPLETED FOR L2

L3 3 DUP REM L2 (0 DUPLICATES REMOVED)

=> d ibib ab 1-

YOU HAVE REQUESTED DATA FROM 3 ANSWERS - CONTINUE? Y/(N):y

L3 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 2003:454473 CAPLUS
 DOCUMENT NUMBER: 139:51636
 TITLE: Immunocytokines with modulated selectivity for
 treating cancer, viral infection and immune diseases
 INVENTOR(S): Gillies, Stephen D.
 PATENT ASSIGNEE(S): EMD-Lexigen Research Center Corp., USA
 SOURCE: PCT Int. Appl., 71 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003048334	A2	20030612	WO 2002-US38780	20021204
WO 2003048334	A3	20030904		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, ME, MK, MN, MW, MX, MY, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TO

US 2003166163 A1 20030904 US 2002-310719 20021204

PRIORITY APPLN. INFO.: US 2001-337113P P 20011204
 US 2002-371966P P 20020412

AB The invention provides cytokine fusion proteins, with an increased therapeutic index and methods to increase the therapeutic index of such fusion proteins. The fusion proteins of the invention are able to bind to more than one type of cytokine receptor expressed on cells and also bind to more than one cell type. In addition, the fusion proteins of the invention exhibit a longer circulating half-life in a patient's body than the corresponding naturally occurring cytokine. The immunocytokine is mutant interleukin 2 fused to an albumin or antibody domain.

L3 ANSWER 2 OF 3 USPATFULL on STN
 ACCESSION NUMBER: 2003:238006 USPATFULL
 TITLE: Immunocytokines with modulated selectivity
 INVENTOR(S): Gillies, Stephen D., Carlisle, MA, UNITED STATES
 PATENT ASSIGNEE(S): EMD Lexigen Research Center Corp., Billerica, MA, 01821
 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003166163	A1	20030904
APPLICATION INFO.:	US 2002-310719	A1	20021204 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-371966P	20020412 (60)
	US 2001-337113P	20011204 (60)

DOCUMENT TYPE: Utility
 FILE SEGMENT: APPLICATION
 LEGAL REPRESENTATIVE: TESTA, MURWITZ & THIBEAULT, LLP, HIGH STREET TOWER, 125 HIGH STREET, BOSTON, MA, 02110

NUMBER OF CLAIMS: 48
 EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 2 Drawing Page(s)
 LINE COUNT: 2481

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention provides cytokine fusion proteins with an increased therapeutic index, and methods to increase the therapeutic index of such fusion proteins. The fusion proteins of the invention are able to bind to more than one type of cytokine receptor expressed on cells and also bind to more than one cell type. In addition, the fusion proteins of the invention exhibit a longer circulating half-life in a patient's body than the corresponding naturally occurring cytokine.

L3 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 2000:34976 CAPLUS
 DOCUMENT NUMBER: 132:92314
 TITLE: Specific binding proteins including antibodies which bind to the necrotic centre of tumours, and uses thereof
 INVENTOR(S): Williams, Andrew James; Tempest, Philip Ronald; Holtet, Thor Las; Jackson, Helen
 PATENT ASSIGNEE(S): Cambridge Antibody Technology Limited, UK
 SOURCE: PCT Int. Appl., 70 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000001822	A1	20000113	WO 1999-GB2123	19990702

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TO

CA 2336114 AA 20000113 CA 1999-2336114 19990702
 AU 9946343 A1 20000124 AU 1999-46343 19990702
 EP 1092028 A1 20010418 EP 1999-929554 19990702

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO

JP 2002519065 T2 20020702 JP 2000-558212 19990702

PRIORITY APPLN. INFO.: GB 1998-14333 A 19980702
 WO 1999-GB2123 W 19990702

AB Specific binding members, based on the third CDR of the heavy and light chain variable regions of antibody NHS76 are provided. Antibody NHS76 is an IgG specific for human nuclear antigen, and is prep. by screening phage antibody library-derived scFv that binds to nuclear ext. of human Raji cells. These binding members are useful for treatment and diagnosis of tumor in human or animal body.

REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE REFORMAT